

**FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE  
EMERGENCY MEDICAL SCIENCE (A45340)**

Effective: Fall 2010

Revised: 12/15/09

Length: 5 Semesters

Prerequisites: 1 Unit Biology & Algebra

Award: Associate in Applied Science

**FALL SEMESTER 1**

Prefix No.	Title	Class	Lab	Clinical	Credit
ACA111	College Student Success	1	0	0	1
or					
ACA115	Success & Study Skills	0	2	0	1
BIO163	Basic Anatomy & Physiology	4	2	0	5
EMS110	EMT Basic	5	6	0	7
EMS140	Rescue Scene Management	1	3	0	2
EMS150	Emerg Vehicles & EMS Comm	1	3	0	2
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<b>Totals</b>		<b>11/12</b>	<b>14/16</b>	<b>0</b>	<b>17</b>

**SPRING SEMESTER 1**

Prefix No.	Title	Class	Lab	Clinical	Credit
CIS110	Introduction to Computers	2	2	0	3
or					
CIS113	Computer Basics	0	2	0	1
EMS120	Intermediate Interventions	2	3	0	3
EMS121	EMS Clinical Practicum I	0	0	6	2
EMS130	Pharmacology I for EMS	1	3	0	2
EMS131	Adv Airway Management	1	2	0	2
ENG111	Expository Writing	3	0	0	3
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<b>Totals</b>		<b>7</b>	<b>10</b>	<b>6</b>	<b>13</b>

**SUMMER SEMESTER 1**

Prefix No.	Title	Class	Lab	Clinical	Credit
EMS221	EMS Clinical Practicum II	0	0	9	3
PSY150	General Psychology	3	0	0	3
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<b>Totals</b>		<b>3</b>	<b>0</b>	<b>9</b>	<b>6</b>

**FALL SEMESTER 2**

Prefix No.	Title	Class	Lab	Clinical	Credit
COM231	Public Speaking	3	0	0	3
or					
ENG115	Oral Communication	3	0	0	3
EMS220	Cardiology	2	6	0	4
EMS115	Defense Tactics for EMS	1	3	0	2
or					
EMS125	EMS Instructor Methodology	1	2	0	2
or					
EMS235	EMS Management	2	0	0	2
EMS231	EMS Clinical Practicum III	0	0	9	3
EMS250	Advanced Medical Emergencies	2	3	0	3
EMS260	Advanced Trauma Emergencies	1	3	0	2
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<b>Totals</b>		<b>9/10</b>	<b>12/14/15</b>	<b>9</b>	<b>17</b>

**SPRING SEMESTER 2**

Prefix No.	Title	Class	Lab	Clinical	Credit
EMS210	Adv Patient Assessment	1	3	0	2
EMS240	Special Needs Patients	1	2	0	2
EMS241	EMS Clinical Practicum IV	0	0	9	3
EMS270	Life Span Emergencies	2	2	0	3
EMS285	EMS Capstone	1	3	0	2
	Humanities/Fine Arts Elec	3	0	0	3
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<b>Totals</b>		<b>8</b>	<b>10</b>	<b>9</b>	<b>15</b>

**TOTAL REQUIRED CREDITS.... 68**

**Co-Op Option:** NA

Students with a felony conviction may have limited certification and employment opportunities.

**\*Note:** Students **may not** take an introductory foreign language to fulfill the Humanities/Fine Arts requirement.

## PROGRAM FACT SHEET

### EMERGENCY MEDICAL SCIENCE

A45340

The Emergency Medical Science curriculum is designed to prepare graduates to enter the workforce as paramedics. Additionally, the program can provide an Associate Degree for individuals desiring an opportunity for career enhancement.

The course of study provides the student an opportunity to acquire basic and advanced life support knowledge and skills by utilizing classroom instruction, practical laboratory sessions, hospital clinical experience, and field internships with emergency medical service agencies.

Student progressing through the program may be eligible to apply for both state and national certification exams. Employment opportunities include ambulance services, fire and rescue agencies, air medical services, specialty areas of hospitals, industry, educational institutions, and governmental agencies.

#### Awards

**Associate Degree:** Emergency Medical Science (A45340)

**Length of Program:** 5 Semesters

**Prerequisite:** High School Diploma or GED  
1 Unit of Algebra  
1 Unit of Biology

**Diploma:** Emergency Medical Science (D45340)

**Length of Program:** 3 Semesters

**Prerequisite:** High School Diploma or GED  
1 Unit of Biology

**Certificate:** Emergency Medical Science (C45340)

**Length of Program:** 1 Semester

**Prerequisite:** High School Diploma or GED

**EMS Bridge:** Emergency Medical Science (A45340B)

**Length of Program:** 2 Semesters

**Prerequisite:** 1 Unit of Algebra & Biology;  
Current North Carolina or National Registry  
EMT-Paramedic; Current Healthcare Provider  
Level CPR; Current Advanced Cardiac Life  
Support Provider; Current Pediatric Advanced  
Life Support; Current Basic Trauma Life  
Support or Pre-Hospital Trauma Life Support;  
Two Thousand (2000) documented hours of  
Paramedic Level Work Experience; Two Letters  
of Recommendation: One from the Medical  
Director; One from the Training Officer or  
Supervisor

**Cooperative Education Requirements/Opportunities:** For cooperative education requirements/opportunities please see the appropriate Program Edplan and/or Sequencing sheet.

**License or Certification Information:** Student completing the first semester of the Associate Degree Program or entering the Diploma Program should pass the North Carolina State or National Registry EMT-Basic Examination.

#### **Program Information Contact:**

Curriculum Chairperson: Rick Criste

Telephone Number: (910) 678-8515

Office Location: Health Technology Center, Room 169M

Email: [crister@faytechcc.edu](mailto:crister@faytechcc.edu)

Department Office: Health Technology Center, Room 169

Telephone: (910) 678-8264

FTCC Web Site: [www.faytechcc.edu](http://www.faytechcc.edu)

**Application Deadlines:** The program is designed for a student to enter during the fall semester. A student may enter at other times with approval of the Department Chairperson. Students should apply by January 30<sup>th</sup>. Specific health program admission requirements must be met before a student is eligible for admission.

**Scholarship/Financial Aid Information:** Scholarships are available.  
Financial Aid Office, Student Center, Room 126; Telephone: (910) 678-8242

#### **Child Care Financial Assistance Information:**

See Child Care Associate, Student Center, Room 142; Telephone: (910) 678-8486

**ATTENTION:** If you have missed two (2) consecutive semesters, you must see a counselor to be readmitted into your program.

Revised: 12/15/09